

#### ESTABLISHED 40 YEARS

CATALOGUE.
and PRICE LIST

of

# TOOLS AND SUPPLIES



# COLWELL COOPERAGE CO.

OFFICES

412 GREENWICH STREET NEW YORK CITY

WAREHOUSES

NEW YORK CITY

JERSEY CITY, N. J.

BROOKLYN. N. Y.

INDEX:—For your convenience this catalogue has been cross-indexed. See General Index, pages fifty-four and fifty-five. 
Study the Listings on the last pages carefully and you will find them a material help in quickly supplying the information you desire.

HIS catalogue is sent to you as an expression of our desire for your business. No matter whether yours is a shop, factory or warehouse you need tools—good tools—in making ready your shipping packages.

The tools shown are not of our manufacture, but are offered after careful study and experiment as the very best on the market. Each tool for it's individual uses, as recommended, carries our complete warranty, except where otherwise stated on the catalogue pages.

In placing our brand "COLCO" on these tools, we are backing them with a reputation gained and held through forty years in the cooperage supply business, and the tools, quality considered, are consistently priced. This fact coupled with the "COLCO" guaranty should be the determining factor in your buying.

The best tool is none too good from an economical stand point. You will buy only the best in "COLCO."



- DO remember that if a tool proves defective, we will replace it unless it shows evidence of long or improper use.
- DO keep your edged tools sharp, a dull tool is not only a time waster—it is a money loser.
- DO have a grinder and oil-stone-they will save you money.
- DO use oil on your tools—a good mechanic's tools are free from rust.
- DO use your tools for the purpose for which they are intended.
- DO make use of the indexes, they are for your convenience.
- DO remember the discount.
- DO use stock numbers in ordering tools.
- DO think of "COLCO" when you think of tools.

# DONITS

- DON'T forget that we will replace any defective tool provided it is a defect and not carelessness that causes the break.
- DON'T lay down a dull tool—go and sharpen it—'tis then ready for the next time.
- DON'T forget—the grinder should be easy of access for all your workmen.
- DON'T use an adze to drive iron hoops—one man did and found fault because the head chipped.
- DON'T forget that our accounts are subject to sight draft after maturity.
- DON'T forget the discount.
- DON'T forget that prices may change without notice, though we shall endeavor to advise you in advance.
- DON'T forget that "COLCO" tools are finely tempered, carefully made, fully warranted, and have stood the test of usage.

#### THESE TRADEMARKS

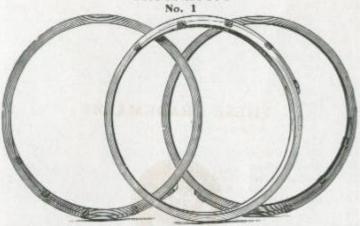


# STAND FOR EFFICIENT TOOLS AND STOCK CONSISTENTLY PRICED





TRUSS HOOPS



A set of truss hoops consists of two chimes, two quarter and two bilge. "Colco" hoops are of perfect circle, made of best second growth hickory, split and shaved entirely by hand.

#### Standard sizes, Six Hoops to a Set

Chime	Quarter	Bilge
10 inch	1136 inch	12 inch
	14 "	14% "
1414 "	16 "	17 "
15 "	16% "	17% "
16 "		
174	17% " 19% " 20 " 21% "	201/ "
18 "	20 "	211/ "
1914 "	20 " 21% "	21 ¼ " 23 " 24 "
2014 "	221/4 "	24 11
21 "	93 "	24% "
211/2 "	22½ " 23 " 23½ "	24¼ " 25 "

#### List Price, Six Hoops to Set

Size		Per		List	Siz	e	Per	Set	List
10	inch	- 11	40	\$2.85	20	inch	64	4.6	\$ 4.70
1239	**	**	40	3.15	22	69	44	++	5.00
15	**	- 61	33	3.45	26		44	44	6.90
16%	44	14	48	3.75	32	44	96	**	8.15
18	**	- 11	64	4.10	36	64	**	111	9.10
				WAS .	40	**	44	11	10.00

Cross riveting 15c. net per set extra.

When ordering stock sizes it is only necessary to specify size of chime hoops which governs the price per set as above. In the case of special sizes be sure to give size of chime, quarter and bilge and state whether to be used for tight or slack work.



#### HANDLES

No.	For					-		List
2	Adze	(com	plete)					\$ .35
	44	(no s						.25
3	Axe	Sec. 2		7				.35
4	Bung	Pick						.15
5	Bung		er, ea	ch				.35
**	**	96		r doz	en			3.00
6	Cham	for K		i dos				.15
7	Drive							.15
8	Hamr			20				.15
9	44		200	eye n	lie			
10	Hatch		erren-	cyc in	CALL			.15
11	Shave	THE CONTRACT	ner'e					.15
12	Shave							.15
13	211110111	A STATE OF THE STA		Secret				.15
10	Socke	LDIN			RA	PART	S	.25
14	Saw 1	blades				dozen		2.70
15		46	30	-64	11	64		3.10
16	66	46	34	44	44	- 44		4.00
17	Scrap	er bla	de, a	diusta	able s	craner	, each	-20
1000	44	44		44		11	per dozen	1.60
18	Thur	h ser	ew :	dinst	able	scrane		.10
1977	"			66	more .	is the	r, each per doz.	.65
19	Scrap	er bla	de t	rionar	ılar	44	each	.45
20	Scribe						cacii	.30
-	11		Carrier Contract	er do	200			3.00
21	Spind	les or				h		.15
15 CO 10 CO	apion H	eater	Part	6.	o, car	**		.13
100000	B-I				e rino			
	D-	14					for flue	
	E-	. 11	-	e grat		II Dase	ioi nue	
	H-		6000	e tile				
	I -	41			back	plate		
	K-	46				d of he	and the same	
	L-	**	1000	e lid	101 11	u or ne	cater	
	M	66	1	1045560				
	N-	46		leg		- bound		
	0-	**				r bowl		
	P-	- 66				drun		
	R-	44				s or b	ase	
	S-	66		shak		1.00		
	T-	**					lue and ash box	
		**				late on		
	U-	late of	the	side	piece	s for f	ront of base	
	Comp	lete u	bbet.	consi	Sts of	parts	H, I, K, L, M,	N and O.
Ther	comp	ere Di	ase co	unsist	s or i	parts E	3, P. R. and Ast	Pan.
State	e parts	are ill	ustra	ited o	n pag	e 39.	10 211 215	

State whether parts are wanted for Nos. 243, 244 or 245.
Heater Parts are sold by the pound. Advise us of your needs.
Adjustable setting-up form, extra rings 75c. to \$2.50. In ordering specify size required.



#### ADZE-EYE HAMMER

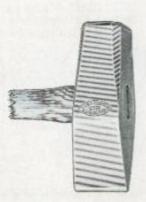


A properly shaped hammer. Prices include handles.

No.	Weight	List
22	1 lb., 12 oz.	.90
23	1 " 4 "	.75
24	1 "	.65

#### HAMMER

-		
No.	Weight	List
25	3 lbs.	\$1.75
26	3 14 "	1.75
27	4 "	1.90
28	436 "	2.20
29	5 "	2.20
30	5% "	2.50
31	6 "	2.75
32	6% "	2.75



Drop-forged crucible steel head.

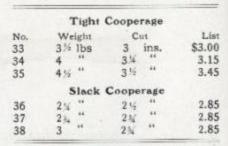
Perfectly balanced.

Prices and weights include the very best grade of second growth Hickory handles.

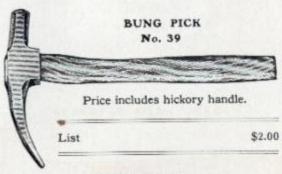




Bolted handles of selected applewood:



For checkered face, numbers 33A-34A-35A-36A-37A-38A, add 25 cents net extra.



BUNG CHISEL No. 40

Solid Steel List \$ .75



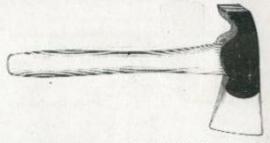
Hickory. Copper Rivet re-inforcement.

Mortised handles same selected stock.

Each	List	\$ .60
Per Dozen		4.75



#### SPECIAL HATCHET



Weight includes second growth hickory handle.

No.	Weight	Cut	Handles	List
42	1 lb.	2 ins.	12 ins.	.70
43	11/4 "	216 "	13 "	.85
44	2 "	234 "	13 "	.95
45	2 1/2 **	234 "	14 "	.95

#### HANDY-SLOT HATCHET



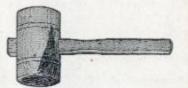
#### Full Polished Head

No.	Weight	Cut	List
46	1 lb.	2 ins.	.85
47	155 "	214 "	.90

Made of the finest grade of steel with two slots in the blade. The slot in the cutting edge fits either side of the nail and prevents splitting when lifting covers.



#### WOODEN MALLET



For all purposes

No.	Wood	Head	Weight	List
48	Hickory	6 x 4	2¼ lbs.	.40
49	Lignumvitae	6 x 4	314 "	.70

#### COOPER'S AXE



Complete with hickory handle. Tight cooperage and general Work,

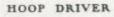
No.	Weight	Cut	List
50	4 1/4 lbs.	9½ ins.	\$3.15
51	51/4 "	1034 "	3.45
52	6 "	11% "	4.10

#### Slack Cooperage

53	3 ½ 1bs.	8 % ins.	\$2.85

For full polished and buffed heads add 25 cents net extra.





No. 54

Hickory, wrought iron ring and faced with steel.

Width 314 inches.

Each List \$1.35

SELECTED, STRAIGHT GRAINED HICKORY

No. 55

All wood with wrought iron ring, grooved and shaped driving surface. Width 31/2 inches.

Each

List





### SHORT SOCKET DRIVER



For iron and wire hoop driving. Price includes handle. Superior quality highly tempered metal. Width of driving surface 2% inches.

Each

List

\$1.45

#### CHIME MAUL



No. 57 Hickory (Slack Cooperage) \$ .90 58 Steel (Tight Cooperage) 2.10

#### WHITTLING KNIFE No. 59

Extra heavy six inch blade with shank extending through heavy bone handle and securely riveted.

A practical and general utility knife.

Each

List

\$1.65

#### SHOE DRIVER No. 60



Made from dogwood, bound and shod with steel.

A very efficient and lasting hoop driver, especially suitable for bark-hoop bound packages.

Each List \$1.25





# No. 61

(Nantucket Style)

The most practical hoop driver made for iron bound packages. Hand shaped, oil tempered and perfectly balanced head with a thin edged, non-slip groove.

Weight 14 lbs. without handle, List \$1.25 Handles additional each ".15

#### CAST STEEL DRIVER

No. 62 (Nantucket Style)

Weight 1½ lbs. List \$ .85

HOOP SET (Sledge Style)

A suitable tool for extra heavy driving.

No.	Weight	List
63	2 lbs.	\$1.25
64	3 "	1.90



#### LONG SOCKET DRIVER

No. 65



Hickory handle bound with wrought iron ring and head, shaped and sized for keg work.

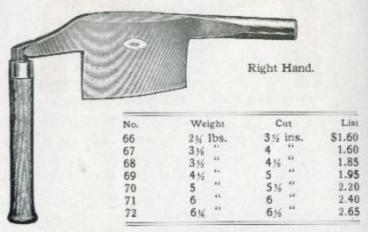
Width of driving surface 11/2 inches.

List \$1.25



#### CHAMFER KNIFE

Slack Cooperage





Left Hand: Same as above, except stock numbers; 66A-67A-68A-69A-70A-71A-72A.

Unless otherwise specified right-handed knives will be furnished.

#### Tight Cooperage

Improved, extra heavy double steel for tight work.

No.	Weight	Cut	List
73	6 to 7 lbs.	6 ins.	\$2.75
74	7¼ " 8 "	6 "	2.95
75	8% " 9 "	61/2 "	3.15
76	94 " 11 "	7 "	3.45
77	" 12 "	7 "	3.75

Stock numbers for left-handed knives. 73A-74A-75A-76A 77A. Prices above.



#### HOLLOWING SHAVE



Extra heavy blade. Polished walnut handles,

Width Blade	Cut	List
2 ins.	4½ ins.	\$1.25
2 "	5 "	1.25
2 "	6 "	1.35
24 "	7 "	1.35
2¼ "	8 "	1.60
	2 ins. 2 " 2 " 2 4	2 ins. 4½ ins. 2 " 5 " 2 " 6 " 2½ " 7 "

#### HEAD OR STAVE KNIFE



Heavy blades. Polished walnut handles.

No.	Width Blade	Cut	List
83	2¼ ins.	7 ins.	\$1.35
84	24 "	8 "	1.60
85	214 "	9 "	1.75
86	2 4 "	10 "	1.95
87	21/4 "	12 "	2.50

#### HOOP SHAVE

No.	Width Elade	Cui	List
88	1% ins.	7 ins.	\$1.25
89	11/4 "	8 "	1.50
90	114 "	9 "	1.65
91	1% "	10 **	1.85



#### SPOKE SHAVE

No. 92



Straight, all metal frame. Removable blade.

Length 18 inches

List

\$ .65

Not warranted.

#### SPOKE SHAVE

No. 93



Improved or Cleveland Pattern.

Removable blade. Polished walnut handles.

Each List \$1.60

#### KEG SPOKE SHAVE

No. 94

Double iron. Polished walnut handles.

Each List \$1.60



#### DOUBLE HANDLED SCRAPER

No. 95

Cutting edge suitable for any kind of wood.

Superior quality and highly tempered.

Each

List

\$1.35



# E. ch

#### SIMPLEX SCRAPER

No. 96

Highly tempered and durable.

An excellent scraper for light work.

Cut 2% inches.

Each

List

\$ .80

Adopted to cleaning close to the chime of barrels, evening up joints or removing marks from wooden shipping packages of all kinds.



#### ADJUSTABLE SCRAPER

No. 97



Thirteen inch maple handle, hinged at frame, which can be tilted to any desired angle. This permits the tool to be worked in many places inaccessible to other scrapers.

#### Frame Japanned

2 inch blade

List

.65

#### SINGLE HANDLED SCRAPER

No. 98



Crucible steel, oil tempered blade. Polished, ribbed handle. An excellent moderate priced tool.

Each

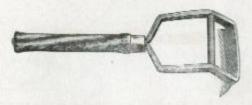
List

.95



#### CROSS-BAR SCRAPER

No. 99



This bar gives additional leverage and guidance in deep cutting. Strongly made for heavy use.

Each List . \$1.60

#### HORSESHOE SCRAPER



An excellent general utility scraper. Built for heavy work and long wear.

No. List 100 \$1.25 101 -(Extra heavy) 1.90

#### TRIANGULAR SCRAPER

No 102



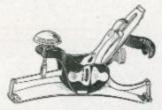
An excellent scraper for all classes of light work. Blades can be replaced. The shape and sharp corners make this tool doubly useful in removing marks close to the chime.

Each List .65



#### ADJUSTABLE PLANE No. 103





This plane has a flexible steel face which can be accurately adjusted for planing the inside or outside circles. The face is fastened at the center of the plane body and adjusted at the ends by means of a screw-controlled lever. Note particularly the graduated scale for setting the face. The knife is self-adjusting. Length 10 inches 1½ inch cutter.

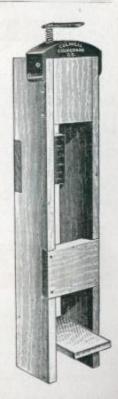
Each List \$3.50

#### COLWELL NAILING FORM No. 104

This form should be in every shop which uses barrels. The foot treadle controls a clamp which holds the hoop firmly in place while nailing.

The anvil head is shaped to clinch the nails firmly and without splitting the hoop.







#### RAISING IRON

No. 105



A convenient and staple tool for the raising of barrel heads. Full polished dagger style.

Length 8% inches

Special, gim-

blet point and

cleanly cut

List

.65

#### COOPER'S VISE

No. 106



A valuable assistant in setting tight barrel heads.

Each

threads.

List

.75

#### HEAD RAISER

No. 107



For raising heads in filled packages. Keeps the head intact without damaging the contents.

Length 12 inches

List

.65



## HEAD OR STAVE JOINTER Double Iron



The state of the s			SERVE TO THE RESERVE	
No.	Length	Wood	Iron (Cut)	List
108	3-3 ½ ft.	Maple	2 ½ ins.	\$2.50
109	4.4% "	-	2 % "	3.15
110	5-5% ** .	**	2% "	3.95
111	6 ."	**	2¾ "	5.50

Note: A pair of coopers' jointers consists of a head and stave jointer. A head jointer is made with straight flat face, while the other has an angled face. We do not list single iron jointers because experience has taught that the double iron variety lasts longer and does cleaner work. If there is any particular work for which you require a single iron style, we will be glad to supply it,



#### LEVELER



No.	Size	Wood	List
112	Barrel	Apple	\$1.60
113	Hogshead	Apple	1.90

DOUBLE-IRON
This illustrates a double iron.

Cut	List
2 % ins.	\$1.35
21/4 "	1.65
3 "	1.85
3¼ "	1.95
316 "	2.10
4 "	2.20
416 "	2.50
	2 % ins. 2 % " 3 " 3 % " 3 % " 4 "

#### SINGLE-IRON

No.	Cut	List
121	2 % ins.	\$ .75
122	2% **	.90
123	3 "	1.10
124	34 "	1.15
125	3% "	1.20
126	4 "	1.25
127	456 "	1.60

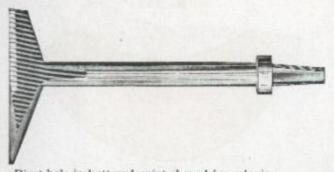
#### CAPS

The different in prices between single and double irons of the same width will be the price of caps.





#### BEAK HORN AND ANVIL



Rivet hole in butt and point shaped for splaying. Average weight 19 lbs. each. Special styles made for railroad and steamship coopers.

Per Pound

List

.35

#### FLAGGING IRON No. 129



Made with sharp, hand-filed teeth. Length 20% inches.

Each

List

\$1.25

#### NAILING BLOCK No. 130



For nailing slack hoops.

Each

List

.85



# IMPROVED IRON BLOCK CROZE No. 131



For slack cooperage.

Each List \$1.90

#### O. K. CHAMFER-HOWEL No. 132



Each		List	\$3.75
No.			List
133	O. K.	Combination Croze-Howel	7.50
134		Croze	3.75

We strongly advocate the use of this O. K. line.



#### STANDARD CROZE Tight Cooperage



No.		List
135	Beech	\$1.45
136	Apple	2.20
100	Apple	2.2

Extra croze irons per set 35 cents net.

#### BEER BARREL CROZE

Same style as above.

No.		List
137	Beech	\$2.50
138	Apple	2.85
	Apple	2.8

Extra croze irons per set 65 cents net.

#### OIL POST CROZE No. 139



Easily and accurately adjusted.

CONTRACTOR OF THE PARTY OF THE		
Each	List	\$3.15
		40.00

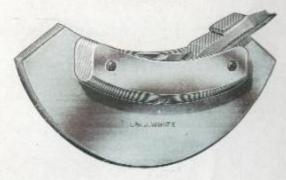
#### POST CROZE IRONS

The oil post croze requires three irons. These are termed lance irons and sold only in complete sets.

**		
Per set	List	\$ .50



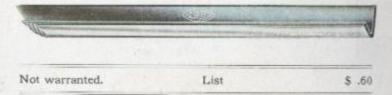
#### HOWEL



For tight cooperage. 2 inch iron and 20 inch circle.

No.		List
140	Beech	\$1.85
141	Apple	2.20

#### V IRON No. 142



#### SQUARE IRON No. 143



Each List \$ .95

In ordering mention name and manufacturer of croze the iron is to be used with.



#### GAUGE ROD



No. 144 3 ft. straight, maplewood 120 gallon; inches and wantage tabler, brass point.

List .65

No. 145 4 ft. straight, maplewood, 300 gallon; inches and wantage tabler, brass point. List \$1.15

No. 146 3 ft. straight, lancewood, ivory face, steel point List \$2.25

No. 147 3ft. all steel, ivory face, boxwood handle wantage tabler.

List \$7.50

No. 148 Brass slides for gauge rods. List \$1.00

#### WANTAGE ROD



No.			Gallons	List
149	8 line	Maplewood	16 to 120	\$ .65
150	12 **		16 " 200	.95
151	8 "	Boxwood	16 " 120	.95
152	12 "	**	16 ** 200	1.25

#### DIRECTIONS FOR USE OF GAUGE ROD

Place the barrel so that bung hole is on top; insert the sharpened end of the gauge rod in a slanting direction through the bung hole until it reaches the joint of the head and stave directly under the stave which contains the bung hole. Hold your rod so that the side which is marked with the number of gallons is uppermost.

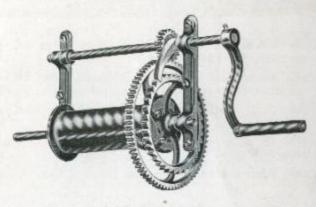
Notice exactly where the rud crosses the underside of the middle of the bung hole. Reverse the rud plucing point in same way at opposite end and notice whether the bung hole is equally distant from each end of burrel. In the event that the bung hole is not so situated, take the average between measurements and this will give the capacity of the barrel.

#### WANTAGE ROD

The wuntage red should be used to determine the number of gallons needed to fill a puckage. Insert the red perpendicularly through the center of the hung hale until the brass plate is just below the inside of the stave. When withdrawn, note where the liquid shows on the red and the number corresponding to that mark subtracted from the desired quantity will show the number of gallons needed.



WINDLASS No. 153



An excellent illustration of a thoroughly efficient tool. Every shop that makes barrels should have a windlass.

Complete and ready to attach to frame.

List

\$11.25

#### IMPROVED PULLEY No. 154



Can be used either with or without the windlass.

Each List .75





#### BARREL HEADER, SCREW PRESS No. 155

For use in heading up filled packages in slack lines. Will give satisfaction and is almost a necessity in filling such packages.

Each

List

\$1.90

#### SETTING-UP FORM No. 156



Weighs about 135 lbs. with one ring.

Complete with one ring

List

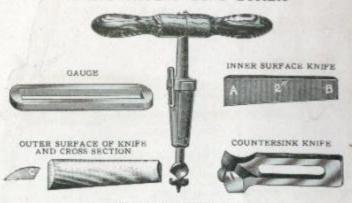
\$12.50

Rings for any standard sized packages can be furnished. In ordering be sure you specify the size of ring desired.

Extra rings from \$ .75 to \$2.50 net.



#### KIRBY PATENT BUNG BORER



ROUND LIPPED AUGER BIT

Efficient, quick and accurate. Any part can be renewed.

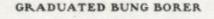
For grinding knives 10c. each net.

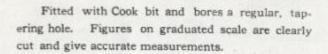


Since the knife does the actual work, care should be taken in grinding only the flat surface.

No.	Siz	re .	Dia, He	ole	Auger included	List
157	1	in.	36-6-1	in.	no	\$ 5.60
158	194	ins.	1-136	ins.	**	5.60
159	134	10	134-134		yes	7.85
160	1¾ 2 2¾	64	13x-2	64	"	7.85
161	214	44	1%-2%	10	**	8.45
162	236	**	2-2%	**	"	9.10
163	3	44	215-3	64	"	10.15
164	3 1/4	**	3-31/4	146		13.70
165	4	84	314-4	44	**	16.95
166	436	44	4-4%	44	**	19.50
167	5	**	4%-5	-10	"	22.75
Aug	gers for	Machine F	Reamer			
No.		Size		For	reamer	List
168		13% in.		2	ins.	\$2.15
169		1% ins.		2		2.40
170		1% "		2%	**	2.60
171		1% "		235	**	3.00
172		216 "		3	**	3.50
Extra knife blades, each				List	\$1.35	
Extra ha	andles	**			**	.35







No.		Inches	List
173		% to 132	\$1.60
174		1% " 2	2.20
175		% " 3	3.15
		Extra Bits	
For No.			List
173	borer		.45
174	44		.45 .70
175	**		.95





#### BARREL HOOKS



No. 178 List \$1.50 Complete as illustrated

No.179 Without rings and extension bars,

hooks only per pair

List \$1.15

#### BUNG SPOUT No. 180

Made of wrought iron with non-leak rubber gasket.

Metal parts heavily japanned. Sometimes called a bung-lip.

Each	List	\$1.45
Extra gaskets, each	11	.20
Thumb screws "	44	.20



## CHINCING IRON No. 181



For caulking tight barrels

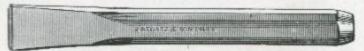
List

.65

Also called a caulking iron.



#### COLD CHISEL No. 182



Made of high grade solid cast steel carefully hardened and tempered.

Octagon shape with polished blade.

Length 7 ins.

List

\$ .65

#### BOX CHISEL No 183



A handy and powerful ripping chisel. Will pull nails without bending them

Length 10 inches

List

\$ .65

#### RIVET SET



#### For iron rivets

No.	THE RESERVE OF THE PARTY OF THE	List
184	1 hole	\$ .35
185	2 holes	.25

#### ROUND PUNCH No. 186



Used for punching or enlarging rivet holes and for general purposes.

Solid cast steel, tapering to specially sized, flat end.

Length 7 inches

List

\$ .35

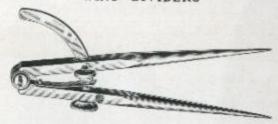
#### SQUARE PUNCH No. 187

Also known as worm punch. Solid cast steel square point.

Length 5 inches List \$ .35



## WING DIVIDERS



Forged steel, highly polished. Brass joints.

No.	Length	List
188	8 inches	\$ .40
189	10 "	.50
190	12 "	.65
191	15 "	.95

## PINCERS No. 192



Wrought iron with polished steel jaws.

Length 8 inches List \$ .45

## FOLDING POCKET RULE



Made of best box wood and well jointed.

No.	Length	List
193	24 inches	\$ .25
194	36 "	.40
195	48 "	.50
196	60 "	.65

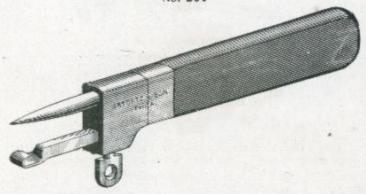


## HANDSAW Manufactured by Henry Disston & Sons.



No.	Style	Length	Lint
197	Crosscut	26 inches	\$1.25
198	Rip	28 "	1.40
199	Crosscut	26 "	2.15
200	Rip	28 "	2.45
	Nos. 199 and 200 a	are the better grade.	

## SCRIBER No. 201



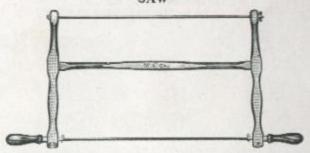
Standard U. S. Custom House pattern. Rosewood handle, brass top and ferrules.

Each	List '	\$1.60
- Marie Marie - Marie		

Extra cutters listed under "Parts"







For general purposes where other than straight lines are to be followed.

No.	Length	Width blade	List
202	24 inches	16 to 14	\$1.40
203	30 "		1.60
204	36 "	11 11 11	1.75

Extra blades listed under "Parts"

VISE



Swivel base. Base is locked by taper-head bolt and held permanently in line. This also eliminates the "chatter."

No.	3	laws	Or	ens .	We	ight		List
205		nches	2000	inches	20	Ibs.	5	2.95
206	3	44	4	++	28	44		3.75
207	314	44	5 %	**	36	4.0		4.35
208	4		6	44	50	44		5.25
209	414	44	7	**	64	**		6.20
210	6	**	10	44	153	++		15.45



## NON-RATCHET BRACE



The recesses in the chuck body for receiving the jaws are accurately machined, thus holding them true and insuring a firm grip on the shank of the bit,

No.	Sweep	List
211	8 ins.	\$ .70
212	10 "	
213	12 "	.75 .85

#### RATCHET BRACE

Same as above with ratchet attachment.

Sweep	List
8 ins.	\$1.20
	1.35
	1.60

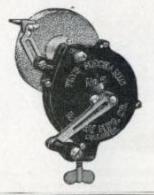
## JENNINGS PATTERN BIT



Extra care is taken in every process through which this bit passes and it may almost be called a hand-made bit. Unquestionably the finest bit on the market for general purposes.

No. 217 218	Size	-
917		List
21/	¼ ins.	\$ .20
218	No "	20
219	16 "	,20
219 220 221 222 223 224		\$ .20 .20 .20 .25 .35 .35
220	15 "	.25
221	14	.35
222	y 0	25
223	, "	.33
224	1	.45
224	1%	.50





# CORUNDUM

A thoroughly reliable grinder for general use.

Made of the best vitrified corundum.

No.	Weight	Size Wheel	List
225	6% lbs.	5 x 1 inch	\$3.75
226	12 "	6 x 1¼ "	5.00
227	17 "	7 x 1¼ "	6.25

For foot attachment add to list, \$1.00 net.

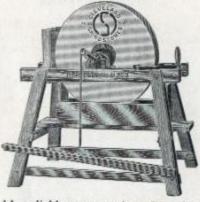


No.	Size	List	No.	Size	List
228	6 x 2 x 1 ins.	\$1.00	231	6x2x1 ins.	\$1.00
229	7x2x1 "	1.15	232	7x2x1 "	1.15
230	8x2x1 "	1.25	233	8x2x1 "	1.25

Numbers 228, 229 and 230 are closer, finer stones. All are guaranteed to give satisfaction, but numbers 231, 232 and 233 are faster cutters.







A thoroughly reliable stone set in well made and substantial hickory frame. Furnished with crank complete.

No.	List
234	\$7.85
235	8.75
236	9.10

## AUTO-SEAT GRINDSTONE

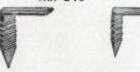


Same stone as above set into steel frame with seat and foot treadles. These latter give steady even running and make unnecessary the second man at the grindstone.

No.	List
237	\$6.25
238	6.90
239	7.50



#### HOOP KEEPERS No. 240

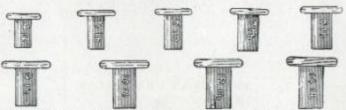


These are especially designed to prevent hoops from "crawling." The cost is insignificant when compared with the possible loss of contents should the hoops crawl and allow the staves to spread. Well ribbed

and carefully headed.

Size List Size List 45 inch per keg \$7.50 34 inch per keg \$5.65 35 1 " 5.65

# BLACK IRON RIVETS



Black iron rivets of the better kind for all classes of tight work. Illustrations show actual size of rivets.

Size	List	Size	List
4 lbs.	\$5.00	8 & 9 lbs.	\$4.25
5 "	4.70	10 "	4.10
6 "	4.50	12 "	3.95
7 "	4.40	14 "	3.90

#### BUNG FASTENER No 242



The rolling of a barrel may cause air compression and force out the bung. These fasteners are inexpensive and will absolutely prevent a possible loss at this source. Prongs are driven into the stave on either side of the bung, the cross band effectually holding the bung in place.

Length Prongs List Length Prongs List 3½ ins. 4 per M \$4.40 5 ins. 4 per M \$4.70 4 4 5.00

Barrels contain 5000 to 10000 according to size. Extra discount on barrel lots.



## BARREL HEATERS

The Champion Barrel Heater stands alone as the best on the market to-day. Invented and perfected by a practical cooper, it combines perfect service with safety from fire. The removable ash pan and lid together with the fact that all parts may be replaced if broken, make this heater a most economical purchase.

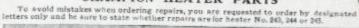
No.	List
243 is for sugar barrels and general use	\$18.75
244 is used for flour barrels	18.75
245 is a keg size	16.25



## We can also supply other heaters, as follows:

No.		
246	Eureka	List
247		\$18.75
	Alcott	18.75
248	Sherman	15.65
249	Jacobs	15.65

## CHAMPION HEATER PARTS







SEE LIST ON PAGE 2



#### COVER FASTENER

No. 250



Indispensible for the fastening of covers onto pails, baskets, fruit and berry crates.

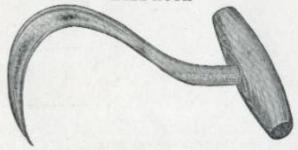
They drive easily and hold where nails would split the wood.

25 lb. boxes

List per lb.

\$ .20

#### BALE HOOK

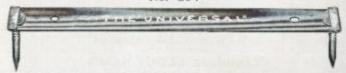


A strong substantial hook for general use. Properly shaped and well handled.

No.	Size	List
251	8 inches	\$ .35
252	10 "	.45
253	12 "	.50

## COVER FASTENER

No. 254



The best fastener for holding covers on lard or butter tubs. Easy to handle and holds the covers securely in place.

Packed in boxes of 500 and 1000 each.

List Per 1000 \$1.90



#### NAILS

Common cut No. 255 - wire " 256

Coated wire No. 257 Shingle " 258

Owing to fluctuation it is impossible to put a list price on nails, therefore a base price will be quoted upon application. The base price you will receive added to the extras quoted below will give you the net selling price of the various sizes.

Size	Length	Approx. No. 2 lb.	Advance over base price
2d	1 inches	876	\$ .70
3d	14 "	568	.45
4d	1% "	316	.30
5d	15 "	271	.30
6d	2 "	181	.20
7d	214 "	161	.20
8d	21/2 "	106	.10
9d	244 41	96	.10
10d	2¼ " 3 "	69	.05
12d	3¼ "	63	.05
16d	31/2 "	49	.05
20d	4 "	31	base
30d	4½ "	24	66
40d	5 "	18	
50d	5% "	14	44
60d	6 "	11	41

Barbed nails 15c. extra above advances.

Box Nails No. 259		Barrel Nails, wire No. 260		
Size	Adv.	Size	Adv.	
10d and larger	\$ .15	% ins.	\$1.00	
8d " 9d	.25	% "	.85	
6d " 7d	.35	1 "	.70	
4d " 5d	.50	1% "	.60	
3d	.70	1% "	.50	
2d	1.15	1% "	.40	

Barbed box nails 15c extra above advances.

#### CLINCH OR CLOUT NAILS No. 262

Made on tack machine with extra large heads.

Size	List
% inches	per keg \$5.35 5.00



#### TACKS No. 263

Stock as carried consists of cut carpet, upholstery, bill posting and tin tacks for affixing revenue stamps on liquor barrels. Packed in two, four, six, eight and sixteen ounce packages. Also in twenty-five or fifty pound boxes or one hundred pound kegs.

#### STAPLES No. 264

Bright, Coppere	Size	1 36	×	16 36	inch	per "	keg	List	\$5.35 5.35
on process	**				**	14	**	**	5.00
**	. 84	16	x	14	**	44	11	46	5.65
**	**			56		- 11	**	**	6.25

## WIRE DOWELS

Length 1% inches	per keg	List	\$6.25 5.65
------------------	---------	------	----------------

#### WIRE HOOPS No. 266

Stocked in nine, ten, eleven and twelve gauge wire.

Sizes: Every inch from fifty-five inches to and including, seventy-three inches.

Other sizes supplied upon specifications.

#### HOOP IRON No. 267

Black hoop iron is stocked in continuous coils of about 600 feet in the following sizes:

1 4 x 16 is	nches	1½ x 18	inches
116 x 16	**	1 ½ x 19	44
14 x 16	**	1% x 19	11
155 x 18	**	1 x 20	**

Also cut to length 50 pieces to a bundle and rolled, splayed and punched in bundles of 25 pieces each.

Sizes: 1% x 18 x 71 inches 1% x 18 x 81 inches

Galvanized finish or special sizes supplied.





## BOX STRAPPING No. 268

Three reasons why you should use this strapping:

- Ribbed—makes it self-tightening.
   Nails cannot slip.
  - (2) Highest grade, cold rolled steel.
  - (3) Japanned to prevent rusting.

Single strapping per coil of 300 ft. List \ \ \frac{\pm in. \pm in. \p

"Twinrold" coils are made double. One measurement and one cut gives strapping for a case. A big timesaving device.

#### PACKING NEEDLES



Carefully selected steel, properly shaped and well made.

Extra strong eyes.

No.	Length	List, each	List, dozen
269	4 ins.	\$ .05	\$ .45
270	5 "	.05	.50
271	6 "	.10	.70
272	7 "	.10	.90
273	8 "	.15	1.25

#### BOX STRAPPING



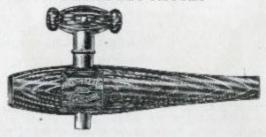
Cut to length, packed 100 pairs per bundle. Same ribbed metal as the rolls above.

No.	Width	Length	and list	prices p	er bundl	E	-		
		4 Ft.	5 Ft.	6 Ft.	7 Ft.	8 FL	9 Ft.	10 Ft.	12 Ft.
274	56 in	\$2.50	\$3.15	\$3.75	54.40	\$5.00	\$ 5 65	\$ 6.25	\$ 7,50
275		3.00	3.75	4.50	5.25	6.00	6.75	7.50	8,65
276	30 10	3.50	4,40	5 25	6.15	7.00	7.90	8.75	10.50
277	26 40	4.00	5.00	6.00	7.00	8.00	9.00	10.00	12.00
278	1 10	4.50	5.65	6.75	7.90	9.00	10, 15	11.25	13,50

Additional discounts quoted on quantities.



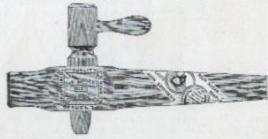
#### METAL KEY FAUCET



Polished maple body. Truly turned and bored. Key of best block tin.

No.	Length	List, per dozen
279	7 inches	\$ 4.60
280	8 "	5.25
281	9 "	6.00
282	10 "	6.35
283	15 "	7.80
284	21 "	11.00
285	24 "	12.50

#### WOODEN FAUCET



Turned from rock sugar maple, cork lined and boiled in pure linseed oil. Especially recommended for use in acid containers.

No.	Length	List, per dozen
286	6 inches	\$ .90
287	7 "	.95
288	8 "	1,20
289	9 "	1.50
290	10 "	1.80
291	14 "	3.00



## WOODEN BARREL COVER



The most practical and sanitary cover offered on the market. Has a cut-out hand grip. A metal backing shield at the hand hole protects against the entrance of dirt. Stout, handy and made for long wear.

No.	Size	List
292	19 inches	\$4.10 per doz.
293	21 "	4.70 "
294	23 "	5.65 "

## MEASURES AND FUNNELS



Made of the famous "Fibrotta" ware. Superior in every way to the wooden or tin varieties. The non-absorbing, non-tasting surface is strongly built and with ordinary care will last for years. These are standard measures, sealed according to government specifications on weights and measures.

No.	Size	List
295	Gallon	\$ .95
296	2 quart	.85
297	quart	.70
298	pint	.50
299	funnel (large)	.50
300	" (small)	.45



#### COLCO SUPPLIES

The following, kept in stock in our warehouses, comprising a list too large to illustrate in this catalogue. We will be glad to quote prices upon request.

No.	Article	No.	Article
301	Barrel	312	Glue
	head strengtheners	313	Hoop dye
302	Barrel paint	314	Lump chaik
	(36 colors and shades)	315	Orange box sides
303	Baskets	316	Paraffine
304	Bung cloth	317	Pineapple slats
305	Burlap	318	Rope, manilla
306	Burlap covers	319	Sand, white
307	Butt flaggs	320	Sheet lead
308	Cabbage slats	321	
309	Cotton caulking wick		Shipping tag fasteners
310	Dowels, hickory	322	Silicate of soda
		323	Twine, sewing
311	False chimes		and wrapping

## BUNGHOLE LAMP

No. 324



This water and weather proof lamp should be in every shop using tight barrels. Made of steel tubing with largest diameter of 1½ inches. Length 25 inches and made for use on a regular electric lighting circuit.

Each List \$4.70

Price does not include lamp cord. If desired completely wired add six cents net per foot for weather proof cord and twenty cents net for screw plug.





## BUNGS No. 325

Bungs should be stored in a dry, cool place. All sizes are based on the diameter of the larger dimensions All below are list prices per 1000

-	Service Control	Poplar	Bungs		
Cut or ec	mpressed	apart of the second	2000 A C M 201		inches thick
	Bbl. contains			Bbl. contain	
136 in	5175	\$5.00	2) s in.	1625	\$10.15
136	4950	5.00	2 %	1500	10.90
1 56	4325	5.00	250 11	1450	11 65
194 "	3800	5 20	216 "	1325	13.10
136 "	3700	5 40	2), "	1200	13.85
106 11	3500	5.60	2% "	1100	15.60
13/ 11	3200	5.70	3		
196 **	2975	6.00		1000	16.85
134 **	2775		314 "	900	18.50
196	2500	6:15	2.00	825	19.45
2		6.70	33% ***	775	21.50
	2375	7.10	19.72	725	23.00
+735	2250	7.60	2.78	675	24.70
4/3	2075	8.20	3% "	625	26.70
475	1950	8 50	3%	600	27,65
24 **	1800	9.00	4	550	30 15
25% **	1750	9.50	5 9	375	34.45
			5% "	325	50.25
Cut only	Bag contains	Oak E	lunge	Bag contains	96 in thick
15 in.	5000	\$5.45	216 in	2200	\$ 8.10
156 **	4100	5.50	256	1950	8.95
136 "	3500	5.70	217 "		
1%	3000	5.90	256	1750	9 90
196	2800	6 15		1500	11.50
176	40.00	10000	4.72	1400	12.50
	2600	6.60	4.13	1300	14.40
196 **	2450	7.20	478	1100	15.20
2	2250	7.60	ALCOHOL: N	900	18.40
	m11		PS		
- w	Bbl. contains		or Oak	Bhl. contain	
55 in	58000	\$3.90	I in.	10500	\$4.45
56 **	37400	4.20	116	9300	4.70
W "	23400	4.20	1 1/4 **	8900	4.75
196	15000	4.25	186 "	7900	4.75
38 **	14800	4.35	11/2 10	6900	5.00
56 44	12700	4.35	154 **	5950	5 00
		Cider	Taps	0.00	
155 inche	is long.		11.200	13	6 inch \$9.15
I inch to	13/ inch \$6.00			13	
Compress	ed with the grain	PLU	JGS		
3½ in.	\$1.00	ng in.	\$1.60	11g in.	2.50
36 11	1.15		1.85	156 "	3.60
56 **	1.35	15	2.15	136 "	4.40
14 99.	1.45	15.00	2.40	150	4.95
	77.1	The second		136	5.50
		SPI	LES Por		Red Cedar or
Dia.	Length	BbL cont		hite O.k.	Porous Oak.
14 10.	3/2 in.	1800		\$ .75	\$1.90
36 11	156 11	950		.90	2.50
16 11	15/ **	490		.90	
14 "	15 "	350		1.45	2.90
36 "	136 "	480		1.45	3.60
14	136 **	2022			3.60
12	2	330		1.90	4.25
96	2	350	1.4.00	2.35	4.25
34	2 "	360		2.90	5.10
-	-	270	NO.	2,90	5.70





## COOPERAGE STOCK

It is our aim to always carry a complete stock of sizes and commodities most in demand. We list here sizes and woods which are usually stocked in our three warehouses.

#### HEADING (Slack)

Inches	Inches	
9	15	Hardwood heading con-
10%	15%	sists of beech, birch and
10 %	16	maple.
101/	16%	
11	17%	Softwood heading is made
111/	18	up from cottonwood, poplar and basswood.
12	18%	
12%	18%	Gum heading includes
1256	19%	both red and white gum wood.
13	20	
13%	21	Pine heading is made from
131/4	22	the best yellow pine and can be supplied either air dried or
14	23	kiln dried.
14%	24	

Slack heading is carried in three grades number one, mill run and number two and is always kiln dried except in the case of pine as specified above,

#### STAVES (Slack)

Sizes:		Fruit staves are 28% in.
Inches	Inches	in length.
20	2816	
22 24	30 34	Chamfered and crozed null keg staves are 18 in. long.
47	34	man and annie and to the total

Tobacco hogshead staves also in stock. Staves are stocked in pine, gum, elm and hardwood.



#### HEADING

(Tight)

Size			
10 incl	1914	inches	Ash heading in tar, oil tierce and pork grades.
12 "	19%		tieree and purk grades.
13% "	21	66	
14	21%	44	Oak heading, white or red.
		44	In tar, grease, oil, vinegar,
14%	22	44.5	wine and whiskey grades.
15	22%		
15% "	23	44	Gum heading inter, syrup.
16 "	24	100	glucose, oil and pickling
	25	44	grades.
16%		44	Entrates.
17	26		
17%	27	18	Pine heading, white, in tur,
17% "	28	44	syrup, molesses and glucose
18 "	29	44	grades.
The second secon		. 44	
18%	30	100	Dog beading can be fur-
19	31		nished in any of the above
	32	44	woods.

All tight heading is dowelled and has flagged joints.

#### PATENT OR COILED ELM HOOPS

Are carried in the following sizes: 6 ft. 9 ins., 6 ft. 6 ins., 6 ft., 5 ft. 6 ins., 5 ft., 4 ft. 8 ins., 4 ft. 4 ins., 4 ft., and 3ft. 8 ins.

Three grades; "Colco" gray elin, number one gray elm and number one red elm.

## LINERS (Wooden)

Two kinds; Curved and Straight.

Sizes; 12, 14, 16 and 18 inches in length.

Twelve and fourteen inch curved liners are packed three thousand to a bale comprising fifteen bundles.

Sixteen and eighteen inch curved liners are packed two thousand four hundred to a bale of twelve bundles.

## SHAVED BARK HOOPS AND STRAPS

Stocked in hickory, oak, ash, birch, chestnut, maple, rock oak and various softwoods.

Sizes as follows;

16 ft., 15 ft., 14 ft. 6 ins., 12 ft., 10 ft., 9 ft. 6 ins., 8 ft. 6 ins., 7 ft. 6 ins., 6 ft. 6 ins., 5 ft. 6 ins. and 4 ft. 6 in.

These hoops are all hand shaved.

# COLWELL COOPERAGE (6)

## INDEX

## Coopers, Railroads and Steamships. TOOLS

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